

CLAIMS

1. An ultrasonic diagnostic apparatus, comprising:
an electroacoustic conversion unit including electroacoustic
5 conversion devices with M rows and N columns, in which sub-arrays are
arranged at least two-dimensionally with J rows and K columns, each of the
sub-arrays including electroacoustic conversion devices with m rows and n
columns, where $M = m \times J$, $N = n \times K$;
intra-group processors with J rows and K columns provided
10 corresponding to the respective sub-arrays; and
a selection unit that selects intra-group processors with j rows ($j \leq J$)
and k columns ($k < K$) as a target from the intra-group processors with J rows
and K columns, the selection being performed while shifting the selection
target of the intra-group processors in a column direction.
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2. The ultrasonic diagnostic apparatus according to claim 1, wherein the
selection unit selects intra-group processors with j rows and k columns as the
target while shifting the selection target of the intra-group processors in a
row direction.
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3. The ultrasonic diagnostic apparatus according to claim 1 or 2,
wherein the selection unit comprises a reception switch that selectively
connects a reception signal from the intra-group processors with a reception
beam former.
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4. The ultrasonic diagnostic apparatus according to claim 1 or 2,
wherein the selection unit comprises a data switch that selectively supplies
group focus data to the intra-group processors.
- 30 5. The ultrasonic diagnostic apparatus according to claim 1 or 2,

wherein the selection unit comprises a power supply switch that selectively supplies a group power supply to the intra-group processors.

6. The ultrasonic diagnostic apparatus according to claim 1 or 2,
- 5 wherein the selection unit comprises a clock switch that selectively supplies a clock signal to the intra-group processors.